

AMENDMENTS

Please incorporate the following amendments to the subject application.

In the drawings:

Please replace originally filed Figures 1-4 with the enclosed new Figures 1-4.

REMARKS

In view of the following remarks, the Examiner is requested to allow Claims 1, 2, 4 – 12, 14 – 19, and 31 – 46, the only claims pending and under examination in this application following entry of the above amendments.

Claims 20 – 30 have been cancelled. Claim 37 has been withdrawn. Claim 1 has been amended. Claims 38 – 46 have been added.

Support for the amendment to Claim 1 can be found on page 7 line 34 to page 8 line 3, page 10 lines 6 – 8, and in Figure 1 of the specification.

Support for new Claims 38 – 46 can be found in original Claims 1 – 10. Specifically, new Claim 38 covers a pulse jet printhead assembly with a multiple die printhead, an orifice plate, a plurality of printhead dies present on a surface of said orifice plate and a multiple reservoir housing affixed to said multiple die printhead in which each reservoir has walls that are sufficiently high to prevent cross-contamination of samples among the reservoirs. Under the section entitled “Allowable Subject Matter”, the Office Action stated that the limitation of reservoir walls that are sufficiently high to prevent cross-contamination in a printhead assembly is allowable over the prior art. New claims 39 – 46 find support in original Claims 2 – 6 and 8 – 10, respectively, and are allowable because they are dependent on an allowable claim, i.e., Claim 38.

As no new matter is added by way of these amendments, entry of the amendments by the Examiner is respectfully requested.

The Office Action states that new drawings are required because the drawings submitted contain too dark and unrecognizable shaded detailed portions. In response, Applicants enclose new drawings for Figures 1 – 4.

The Office Action states that Claims 1, 4 – 6, and 31 are rejected under 35 USC § 102(b) as being anticipated by Anderson (USPN 5,719,605).

In response, Applicants have amended Claim 1 to include the limitation that the ratio of reservoirs to printhead dies is at least 2. As stated in the Office Action under the section entitled “Allowable Subject Matter”, this limitation (i.e., multiple reservoirs per printhead die) of a pulse jet printhead assembly “has not been found, taught or suggested by the prior art of record which makes these claims allowable over the prior art.” As such, Claims 4 – 6 and 31 are now allowable because they are dependent on an allowable claim, (i.e., amended Claim 1). Therefore, withdrawal of the rejections under 35 USC § 102(b) is respectfully requested.

The Office Action rejects Claim 2 under 35 U.S.C. § 103(a) as being obvious over Anderson et al., (USPN 5,719,605) in view of Manini et al., (USPN 6,412,921).

Applicants submit that Claim 2 is now allowable because it is dependent on an allowable claim, i.e., amended Claim 1. As such, the rejection of Claim 2 under 35 U.S.C. § 103(a) may be withdrawn.

The Office Action rejects Claim 8 under 35 U.S.C. § 103(a) as being obvious over Anderson et al., (USPN 5,719,605) in view of Hayes et al., (USPN 5,681,757).

Applicants submit that Claim 8 is now allowable because it is dependent on an allowable claim, i.e., amended Claim 1. As such, the rejection of Claim 8 under 35 U.S.C. § 103(a) may be withdrawn.

The Office Action rejects Claim 10 under 35 U.S.C. § 103(a) as being obvious over Anderson et al., (USPN 5,719,605) in view of Gamble et al., (USPN 5,874,554).

Applicants submit that Claim 10 is now allowable because it is dependent on an allowable claim, i.e., amended Claim 1. As such, the rejection of Claim 10 under 35 U.S.C. § 103(a) may be withdrawn.

CONCLUSION

In view of the amendments and arguments above, Applicants respectfully submit that all of the claims are in condition for allowance, which action is requested. If the Examiner finds that a telephone conference would expedite the prosecution of this application, please telephone Diane Rees at 650 485 5999. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 which may be required by this paper, or to credit any overpayment, to Deposit Account No. 50-1078.

Respectfully submitted,

Date: October 8, 2004

By: 

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encs:

Formal Figures